

INTERNATIONAL SEARCH REPORT

International application No.

PCT/IB 03/01640

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: H04Q 7/22, H04L 12/58, H04M 1/27

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 0219181 A2 (RESEARCH IN MOTION LIMITED), 7 March 2002 (07.03.02), page 1 - page 13, figures 1-13, abstract --	1-29
X	US 2003018816 A (JAMES GODFREY ET AL), 23 January 2003 (23.01.03), figures 1-13, abstract, Page 2 part 18 - page 3 part 30 --	1-29
Y	EP 1008946 A1 (LUCENT TECHNOLOGIES INC.), 14 June 2000 (14.06.00), figures 1-2, abstract, page 2 part 3 - page 3 part 12 --	1-29

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search

9 October 2003

Date of mailing of the international search report

17-10-2003

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2002194285 A1 (GARY P MOUSSEAU ET AL), 19 December 2002 (19.12.02), figures 1-9, abstract, page 1 part 13 - page 3 part 21 --	1-29
Y	CA 02292235 (JEWEL BOX INTERNAL TELECOMM SO), 14 December 1999 (14.12.99), page 1 - page 5, figures 1-4, abstract --	1-29
Y	US 2002024540 A1 (KEVIN MCCARTHY), 28 February 2002 (28.02.02), figures 1-8, abstract, page 1 part 5 - part 9 --	1-29
E,X	US 2003087665 A1 (TIMO TAPANI TOKKONEN), 8 May 2003 (08.05.03), figures 1-3, abstract, page 1 part 6 - part 7 -- -----	1-29

INTERNATIONAL SEARCH REPORT

Information on patent family members

06/09/03

International application No.

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Patent document cited in search report			Publication date	Patent family member(s)		Publication date
WO	0219181	A2	07/03/02	AU	8742601 A	13/03/02
				CA	2420145 A	07/03/02
				US	6463463 B	08/10/02
				US	2003018816 A	23/01/03
<hr/>						
US	2003018816	A	23/01/03	AU	8742601 A	13/03/02
				CA	2420145 A	07/03/02
				US	6463463 B	08/10/02
				WO	0219181 A	07/03/02
				AU	758302 B	20/03/03
				AU	3924499 A	20/12/99
				CA	2245157 C	10/12/02
				CA	2333881 A,C	09/12/99
				CA	2356004 A,C	29/11/99
				CA	2356038 A	29/11/99
				CA	2356046 A,C	29/11/99
				CA	2356073 A,C	29/11/99
				CA	2356324 A,C	29/11/99
				CA	2367135 A	29/11/99
				CN	1304608 T	18/07/01
				EP	1082839 A	14/03/01
				EP	1096725 A	02/05/01
				EP	1096726 A	02/05/01
				EP	1096727 A	02/05/01
				EP	1098481 A	09/05/01
				EP	1124352 A	16/08/01
				EP	1126662 A	22/08/01
				EP	1206073 A	15/05/02
				EP	1315336 A	28/05/03
				EP	1320221 A	18/06/03
				IL	139839 D	00/00/00
				JP	2002517947 T	18/06/02
				NO	20005917 A	26/01/01
				US	6219694 B	17/04/01
				US	6389457 B	14/05/02
				US	6401113 B	04/06/02
				US	6463464 B	08/10/02
				US	2001004744 A	21/06/01
				US	2001005857 A	28/06/01
				US	2001005860 A	28/06/01
				US	2001005861 A	28/06/01
				US	2001009015 A	19/07/01
				US	2001013071 A	09/08/01
				US	2001054115 A	20/12/01
				US	2002029258 A	07/03/02
				US	2002049818 A	25/04/02
				US	2002120696 A	29/08/02
				US	2003005066 A	02/01/03
				US	2003050987 A	13/03/03
				WO	9963709 A	09/12/99
<hr/>						
EP	1008946	A1	14/06/00	JP	2000199716 A	18/07/00
				US	6177905 B	23/01/01
<hr/>						

INTERNATIONAL SEARCH REPORT

Information on patent family members

06/09/03

International application No.

PCT/IB 03/01640

Patent document cited in search report			Publication date	Patent family member(s)		Publication date
US	2002194285	A1	19/12/02	AU	5020401 A	23/10/01
				CA	2343648 A	10/10/01
				EP	1273136 A	08/01/03
				US	6438585 B	20/08/02
				US	2001005864 A	28/06/01
				WO	0178341 A	18/10/01
				US	2002133011 A	19/09/02
				AU	5020101 A	23/10/01
				AU	5206001 A	23/10/01
				CA	2343905 A	10/10/01
				CA	2343932 A	10/10/01
				CN	1436413 T	13/08/03
				EP	1273135 A	08/01/03
				EP	1282957 A	12/02/03
				US	2001054115 A	20/12/01
				US	2002120696 A	29/08/02
				WO	0178319 A	18/10/01
				WO	0178342 A	18/10/01

CA	02292235		14/12/99	NONE		

US	2002024540	A1	28/02/02	EP	1197901 A	17/04/02
				GB	0021446 D	00/00/00
				GB	2366696 A	13/03/02

US	2003087665	A1	08/05/03	NONE		
